

=> d his

(FILE 'HOME' ENTERED AT 13:16:21 ON 27 MAR 2003)

FILE 'EUROPATFULL, PCTFULL, USPATFULL, USPAT2, WPIDS' ENTERED AT
13:22:07
ON 27 MAR 2003

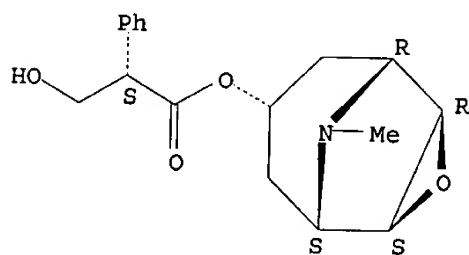
L1	20 S SCOPOLAMINE(S) (PVA OR (POLYVINYL(W)ALCOHOL))
L2	14 S L1 NOT PY>=1997
L3	6 S L2 (L) PH
L4	9 S L2 AND (INTRANASAL OR NASAL OR GEL#)
L5	2 S L2 AND (INTRANASAL OR NASAL)

=> s SCOPOLAMINE/cn
L9 1 SCOPOLAMINE/CN

=> d str

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> d rn

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 51-34-3 REGISTRY

=> e nastech/pa
 E1 6 NASTEC/PA
 E2 6 NASTEC INC/PA
 E3 104 --> NASTECH/PA
 E4 28 NASTECH EURO LTD/PA
 E5 14 NASTECH EUROPE LIMITED/PA
 E6 1 NASTECH EUROPE LTD/PA
 E7 1 NASTECH KOGYO KK/PA
 E8 3 NASTECH PHARM CO IN/PA
 E9 19 NASTECH PHARM CO INC/PA
 E10 1 NASTECH PHARMACEUTI/PA
 E11 4 NASTECH PHARMACEUTICAL CO INC/PA
 E12 1 NASTECH PHARMACEUTICAL CO./PA

=> s e3-e12
 L6 104 (NASTECH/PA OR "NASTECH EURO LTD"/PA OR "NASTECH EUROPE LIMITED"
 "NASTECH /PA OR "NASTECH EUROPE LTD"/PA OR "NASTECH KOGYO KK"/PA OR
 ECH PHARM CO IN"/PA OR "NASTECH PHARM CO INC"/PA OR "NASTECH PHARMACEUTI"/PA OR "NASTECH PHARMACEUTICAL CO INC"/PA OR
 "NASTECH H PHARMACEUTICAL CO."/PA)

=> s l6 and scopolamine
 L7 8 L6 AND SCOPOLAMINE

=> d ibib 1-8

L7 ANSWER 1 OF 8
 PCTFULL COPYRIGHT 2003 Univentio
 ACCESSION NUMBER: 2003000018 PCTFULL ED 20030115 EW 200301
 TITLE (ENGLISH): DOPAMINE AGONIST FORMULATIONS FOR ENHANCED CENTRAL
 NERVOUS SYSTEM DELIVERY
 TITLE (FRENCH): FORMULATIONS AGONISTES DE LA DOPAMINE PERMETTANT UNE
 ADMINISTRATION AMELIOREE DANS LE SYSTEME NERVEUX
 CENTRAL
 INVENTOR(S): QUAY, Stephen, C., 23632 Highway 99, #F-454, Edmonds,
 WA 98026, US [US, US]
 PATENT ASSIGNEE(S): NASTECH PHARMACEUTICAL COMPANY, INC., 45 Adams
 Avenue, Hauppauge, NY 11788, US [US, US], for all
 designates States except US;
 QUAY, Stephen, C., 23632 Highway 99, #F-454, Edmonds,
 WA 98026, US [US, US], for US only
 AGENT: STEIN, Michael, D.\$, Woodcock Washburn LLP, 46th
 Floor,
 One Liberty Place, Philadelphia, PA 19103\$, US
 LANGUAGE OF FILING: English
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2003000018	A2	20030103

DESIGNATED STATES

W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
 CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
 IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD
 MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
APPLICATION INFO.: WO 2002-US20171 A 20020624
PRIORITY INFO.: US 2001-09/891,630 20010625

L7 ANSWER 2 OF 8 PCTFULL COPYRIGHT 2003 Univentio
ACCESSION NUMBER: 2002024202 PCTFULL ED 20020701 EW 200213
TITLE (ENGLISH): NASAL DELIVERY OF APOMORPHINE IN COMBINATION WITH
GLYCOL DERIVATIVES
TITLE (FRENCH): ADMINISTRATION NASALE D'APOMORPHINE EN ASSOCIATION
AVEC

INVENTOR(S): DES DERIVES DE GLYCOL
BEHL, Charajit, R., 658 Veterans Memorial Highway,
Apartment #1-A, Hauppauge, NY 11788, US;
ROMEO, Vincent, D., 104 Harbor Lane, Massapequa, NY
11762, US;
ACHARI, Raja, G., 52 Indian Run, Millington, NJ 07946,
US;
AHMED, Shamin, 64 Coventry Lane, Central Islip, NY
11722, US;
DEMEIRELES, Jorge, C., 33 Renee Road, Syosset, NY
11722, US;
LIU, Tianquing, 35 Coventry Lane, Central Islip, NY
11722, US;
SILENO, Anthony, P., 10 Highview Boulevard, Brookhaven
Hamlet, NY 11719, US
PATENT ASSIGNEE(S): NASTECH PHARMACEUTICAL COMPANY, INC., 45 Adams
Drive, Hauppauge, NY 11788, US [US, US]
AGENT: KING, Jeffrey, J.\$, Woodcock Washburn Kurtz Mackiewicz
& Norris LLP, One Liberty Place - 46th floor,
Philadelphia, PA 19103\$, US
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2002024202	A1	20020328

DESIGNATED STATES
W:

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZW
RW (EAPO): AM AZ BY KG KZ MD RU TJ TM
RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
TR
RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
APPLICATION INFO.: WO 2001-US29437 A 20010919
PRIORITY INFO.: US 2000-09/665,500 20000919

L7 ANSWER 3 OF 8 PCTFULL COPYRIGHT 2003 Univentio
ACCESSION NUMBER: 1999012544 PCTFULL ED 20020515
TITLE (ENGLISH): INTRANASAL FORMULATION CONTAINING SCOPOLAMINE
AND METHOD OF TREATING MOTION SICKNESS
TITLE (FRENCH): FORMULATION INTRANASALE CONTENANT DE LA

L5 ANSWER 2 OF 2 PCTFULL COPYRIGHT 2003 Univentio
 1991019481 PCTFULL ED 20020513
 ACCESSION NUMBER: REVERSIBLE GELATION COMPOSITIONS AND METHODS OF USE
 TITLE (ENGLISH): COMPOSITIONS DE GELIFICATION REVERSIBLE ET MODES
 TITLE (FRENCH): D'EMPLOI
 INVENTOR(S): JOSHI, Abhay;
 DING, Shulin;
 HIMMELSTEIN, Kenneth, James
 PATENT ASSIGNEE(S): ALLERGAN, INC.
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9119481	A1	19911226

DESIGNATED STATES
 W: AT AU BB BE BF BG BJ BR CA CF CG CH CI CM DE DK ES FI
 FR GA GB GN GR HU IT JP KP KR LK LU MC MG ML MR MW NL
 NO PL RO SD SE SN SU TD TG
 APPLICATION INFO.: WO 1991-US4104 A 19910611
 PRIORITY INFO.: US 1990-539,061 19900615

DETD . . . physostigmine salicylate, diisopropylfluorophosphate,
 epinephrine, dipivoly epinephrine, neostigmine, echothiophate iodide,
 demecarium bromide, carbachol, methacholine, bethanechol, and the like;
 (5) mydriatics such as atropine, homatropine, **scopolamine**,
 hydroxyamphetamine, ephedrine, cocaine, tropicamide, phenylephrine,
 cyclopentolate, oxyphenonium, eucatropine, and the like; and other
 medicaments used in the treatment of eye conditions or diseases. . .
 epidermal growth factor, eye-
 derived growth factor, fibronectin, insulin-like growth factor and
 mesodermal growth factor;
 (17) lubricating agents such as sodium hyaluronate or **polyvinyl**
alcohol; and
 (18) combinations of the above such as antibiotic/anti-inflamma-
 tory as in neomycin sulfate-dexamethasone sodium phosphate,
 concomittant
 anti-glaucoma therapy such as timolol maleate-aceclidine.

. . . compositions of the present invention are uniquely suited for
 utilization in a wide variety of physiological applications such as the
 ocular, oral, **nasal**, rectal or subcutaneous administration of
 pharmaceu-
 tical compounds, a wide variety of pharmaceutical agents may be
 incorporated therein. Accordingly, the foregoing listing. . .

SCOPOLAMINE ET METHODE DE TRAITEMENT DU MAL DES TRANSPORTS

INVENTOR(S): ACHARI, Raja, G.;
BEHL, Charanjit, R.;
CHOWHAN, Prafulla, K.;
DE MEIRELES, C., Jorge;
DUA, Ramneik;
ROMEO, Vincent, D.;
SILENO, Anthony, P.

PATENT ASSIGNEE(S): **NASTECH PHARMACEUTICAL COMPANY, INC.;**
ACHARI, Raja, G.;
BEHL, Charanjit, R.;
CHOWHAN, Prafulla, K.;
DE MEIRELES, C., Jorge;
DUA, Ramneik;
ROMEO, Vincent, D.;
SILENO, Anthony, P.

LANGUAGE OF PUBL.: English
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9912544	A1	19990318

DESIGNATED STATES
W:

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF
BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

APPLICATION INFO.:
PRIORITY INFO.:
WO 1998-US18953 A 19980911
US 1997-60/058,651 19970911

L7 ANSWER 4 OF 8 USPATFULL
ACCESSION NUMBER: 2002:338030 USPATFULL
TITLE: Nasal delivery of apomorphine
INVENTOR(S): Achari, Raja G., Millington, NJ, UNITED STATES
Ahmed, Shamim, Central Islip, NY, UNITED STATES
Behl, Charanjit R., Hauppauge, NY, UNITED STATES
deMeireles, Jorge C., Syosset, NY, UNITED STATES
Liu, Tianquing, Central Islip, NY, UNITED STATES
Romeo, Vincent D., Massapequa Park, NY, UNITED STATES
Silen, Anthony P., Brookhaven Hamlet, NY, UNITED STATES

PATENT ASSIGNEE(S): **Nastech Pharmaceutical Company, Inc. (U.S. corporation)**

NUMBER	KIND	DATE
US 2002193397	A1	20021219
US 2002-62290	A1	20020131 (10)

PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
Continuation of Ser. No. US 1999-334304, filed on 16 Jun 1999, GRANTED, Pat. No. US 6436950

NUMBER	DATE
US 1998-96545P	19980814 (60)

PRIORITY INFORMATION:
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: Woodcock Washburn LLP, One Liberty Place - 46th Floor,
Philadelphia, PA, 19103
NUMBER OF CLAIMS: 61
EXEMPLARY CLAIM: 1
LINE COUNT: 842
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 8 USPATFULL

ACCESSION NUMBER: 2002:295200 USPATFULL

TITLE: Nasal delivery of apomorphine

INVENTOR(S): Achari, Raja G., Millington, NJ, UNITED STATES
Ahmed, Shamim, Central Islip, NY, UNITED STATES
Behl, Charanjit R., Hauppauge, NY, UNITED STATES
deMeireles, Jorge C., Syosset, NY, UNITED STATES
Liu, Tianquing, Central Islip, NY, UNITED STATES
Romeo, Vincent D., Massapequa Park, NY, UNITED STATES
Sileno, Anthony P., Brookhaven Hamlet, NY, UNITED STATES

PATENT ASSIGNEE(S): **Nastech** Pharmaceutical Company, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002165249	A1	20021107
APPLICATION INFO.:	US 2002-62020	A1	20020131 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-334304, filed on 16 Jun 1999, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-96545P	19980814 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Woodcock Washburn LLP, 46th Floor, One Liberty Place, Philadelphia, PA, 19103	
NUMBER OF CLAIMS:	61	
EXEMPLARY CLAIM:	1	
LINE COUNT:	843	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 8 USPATFULL

ACCESSION NUMBER: 2002:288147 USPATFULL

TITLE: Nasal delivery of apomorphine

INVENTOR(S): Achari, Raja G., Millington, NJ, UNITED STATES
Ahmed, Shamim, Central Islip, NY, UNITED STATES
Behl, Charanjit R., Hauppauge, NY, UNITED STATES
deMeireles, Jorge C., Syosset, NY, UNITED STATES
Liu, Tianquing, Central Islip, NY, UNITED STATES
Romeo, Vincent D., Massapequa Park, NY, UNITED STATES
Sileno, Anthony P., Brookhaven Hamlet, NY, UNITED STATES

PATENT ASSIGNEE(S): **Nastech** Pharmaceutical Company, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002161017	A1	20021031
APPLICATION INFO.:	US 2002-62021	A1	20020131 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-334304, filed on 16 Jun 1999, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-96545P	19980814 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA, 19103	
NUMBER OF CLAIMS:	61	
EXEMPLARY CLAIM:	1	
LINE COUNT:	844	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 8 USPATFULL

ACCESSION NUMBER: 2002:209534 USPATFULL

TITLE: Nasal delivery of apomorphine

INVENTOR(S): Achari, Raja G., Millington, NJ, United States
Ahmed, Shamim, Central Islip, NY, United States
Behl, Charanjit R., Hauppauge, NY, United States
deMeireles, Jorge C., Syosset, NY, United States
Liu, Tianquing, Central Islip, NY, United States
Romeo, Vincent D., Massapequa Park, NY, United States
Sileno, Anthony P., Brookhaven Hamlet, NY, United States

PATENT ASSIGNEE(S): Nastech Pharmaceutical Company, Inc.,
Hauppauge, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6436950	B1	20020820
APPLICATION INFO.:	US 1999-334304		19990616 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-96545P	19980814 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Criares, Theodore J.	
ASSISTANT EXAMINER:	Kim, Jennifer	
LEGAL REPRESENTATIVE:	Woodcock Washburn LLP	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	662	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 8 WPIDS (C) 2003 THOMSON DERWENT

ACCESSION NUMBER: 1999-229134 [19] WPIDS

DOC. NO. CPI: C1999-067379

TITLE: Scopolamine intranasal formulation for treating motion sickness.

DERWENT CLASS: A18 A96 B02 B07

INVENTOR(S): ACHARI, R G; BEHL, C R; CHOWHAN, P K; DE MEIRELES, J C;
DUA, R; ROMEO, V D; SILENO, A P; DE MEIRELES, C J

PATENT ASSIGNEE(S): (NAST-N) NASTECH PHARM CO INC

COUNTRY COUNT: 83

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG

WO 9912544 A1 19990318 (199919)* EN 40
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL
 OA PT SD SE SZ UG ZW
 W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE
 GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG
 MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
 US UZ VN YU ZW
 AU 9893850 A 19990329 (199932)
 EP 1027049 A1 20000816 (200040) EN
 R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 AU 742878 B 20020117 (200219)
 JP 2002516815 W 20020611 (200253) 41
 CA 2303132 C 20020709 (200254) EN

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9912544	A1	WO 1998-US18953	19980911
AU 9893850	A	AU 1998-93850	19980911
EP 1027049	A1	EP 1998-946945	19980911
		WO 1998-US18953	19980911
AU 742878	B	AU 1998-93850	19980911
JP 2002516815 W		WO 1998-US18953	19980911
		JP 2000-510441	19980911
CA 2303132	C	CA 1998-2303132	19980911
		WO 1998-US18953	19980911

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9893850	A Based on	WO 9912544
EP 1027049	A1 Based on	WO 9912544
AU 742878	B Previous Publ.	AU 9893850
	Based on	WO 9912544
JP 2002516815 W	Based on	WO 9912544
CA 2303132	C Based on	WO 9912544

PRIORITY APPLN. INFO: US 1997-58651P 19970911